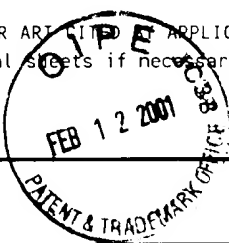


FORM PTO-1449  
(REV. 7.80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
119941-1083SERIAL NO.:  
09/703,809LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)APPLICANT:  
Jeff L. DeJong

FILING DATE: October 30, 2000

GROUP: 1652



## U. S. PATENT DOCUMENTS

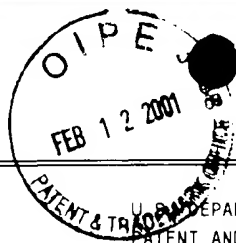
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
RD	5,888,702	03/30/00	Bandman, et al.	435	183	07/11/97
	5,652,117	07/29/97	Moore, et al.	435	69.1	04/11/95
	5,891,666	04/06/99	Matsuyama, et al.	435	69.1	04/03/96
RD	5,891,720	04/06/99	Moore, et al.	435	325	04/07/97
						RECEIVED
						FEB 14 2001
						TECH CENTER 1600/2500

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(REV. 7.80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 119941-1083

SERIAL NO.: 09/703,809

APPLICANT: Jeff L. DeJong

FILING DATE: October 30, 2000

GROUP: 1652

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

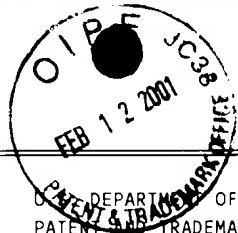
RH	Marilyn Kozak, "Compilation and Analysis of Sequences Upstream from the Translational Start Site in Eukaryotic mRNAs," Nucleic Acids Research, Volume 12, Number 2, 1984, pp. 857-572.
	Thomas A. Grigliatti, Linda Hall, Raja Rosenbluth and David T. Suzuki, "Temperature-Sensitive Mutations in Drosophila melanogaster XIV, A Selection of Immobile Adults," Molec. Gen. Genet. 120, 1973, pp. 107-114.
	Christian A. Weideman, Robert C. Netter, Lawrence R. Benjamin, John J. McAllister, Lumelle A. Schmiedekamp, Robert A. Coleman and B. Franklin Pugh, "Dynamic Interplay of TFIIA, TBP and TATA DNA," J. Mol. Biol., 271, 1997, pp. 61-75.
	Jeffrey A. Ranish, William S. Lane and Steven Hahn, "Isolation of Two Genes That Encode Subunits of the Yeast Transcription Factor IIA," Reports, January 17, 1992, pp. 1127-1128.
	Tetsuro Kokubo, Mark J. Swanson, Jun-Ichi Nishikawa, Alan G. Hinnebusch and Yoshihiro Nakatani, "The Yeast TAF145 Inhibitory Domain and TFIIA Competitively Bind to TATA-Binding Protein," Molecular and Cellular Biology, February 1998, Volume 18, No. 2, pp. 1003-1012.
	James H. Keen, "Clathrin and Associated Assembly and Disassembly Proteins," Annu. Rev. Biochem., 1990, pp. 415-438.
	John J. Chicca II, David T. Auble and B. Franklin Pugh, "Cloning and Biochemical Characterization of TAF-172, a Human Homolog of Yeast Mot1," Molecular and Cellular Biology, March 1998, Volume 18, No. 3, pp. 1701-1710.
	Dong Kun Lee, Jeff DeJong, Shigeru Hashimoto, Masami Horikoshi and Robert G. Roeder, "TFIIA Induces Conformational Changes in TFIID via Interactions with the Basic Repeat," Molecular and Cellular Biology, November 1992, Volume 12, No. 11, pp. 5189-5196.
	Richard Bernstein, Jeff DeJong and Robert G. Roeder, "Characterization of the Highly Conserved TFIIA Small Subunit from Drosophila Melanogaster," The Journal of Biological Chemistry, September 30, 1994, Volume 269, No. 39, pp. 24361-24366.
	Jennifer Hirst and Margaret S. Robinson, "Clathrin and Adaptors," Biochimica et Biophysica Acta 1404, 1998, pp. 173-193.
	George Orphanides, Thierry Lagrange and Danny Reinberg, "The General Transcription Factors of RNA Polymerase II," Genes and Development, 1996, pp. 2657-2683.
	Yasuhiro Nakayama, Mark Goebel, Betsy O'Brine Greco, Sandy Lemmon, Elizabeth Pingchang Chow and Tomas Kirchhausen, "The Medium Chains of the Mammalian Clathrin-Associated Proteins Have a Homolog in Yeast," J. Biochem, 1991, pp. 569-574.
KK	Christophe Thureau, Jurgen Brosius, Cindy Burne, Pierre Jolles, James H. Keen, Robert J. Mattaliano, E. Pingchang Chow, Kuzhal L. Ramachandran and Tomas Kirchhausen, "Molecular Cloning and Complete Amino Acid Sequence of AP50, an Assembly Protein Associated with Clathrin-Coated Vesicles," DNA, Volume 7, Number 10, 1998, pp. 663-669.

EXAMINER

DATE CONSIDERED

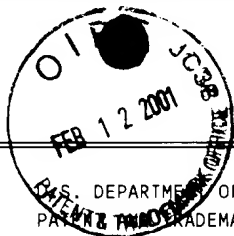
11/29/00

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (REV. 7.80)		ATTY. DOCKET NO. 119941-1083	SERIAL NO.: 09/703,809
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT: Jeff L. DeJong	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)		FILING DATE: 10/30/2000	GROUP: 1652
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
RV	James H. Geiger, Steve Hahn, Sally Lee and Paul B. Sigler, "Crystal Structure of the Yeast TFIIA/TBP/DNA Complex," Science, Volume 272, May 10, 1996, pp. 830-836.		
	Justen Andrews, Michiko Smith, John Merakovsky, Michelle Coulson, Frances Hannan and Leonard E. Kelly, The Stoned Locus of Drosophila melanogaster Produces a Dicistronic Transcript and Encodes Two Distinct Polypeptides," Genetics, August 1996, pp. 1699-1711.		
	Weidong Wang, Jay D. Gralla and Michael Carey, "The Acidic Activator GAL4-4H Can Stimulate Polymerase II Transcription by Promoting Assembly of a Closed Complex Requiring TFIID and TFIIA," Genes and Development, 1992, pp. 1716-1727.		
	Paul M. Lieberman and Arnold J. Berk, "A Mechanism for TAFs in Transcriptional Activation: Activation Domain Enhancement of TFIID-TFIIA-Promoter DNA Complex Formation," Genes & Development, 1994, pp. 995-1006.		
	Katayoon H. Emami, Anjali Jain and Stephen T. Smale, "Mechanism of Synergy Between TATA and Initiator: Synergistic Binding of TFIID Following a Putative TFIIA-Induced Isomerization," Genes & Development, 1997, pp. 3007-3019.		
	Tianhuai Chi and Michael Carey, "Assembly of the Isomerized TFIIA, TFIID-TATA Ternary Complex is Necessary and Sufficient for Gene Activation," Genes & Development, 1996, pp. 2540-2550.		
	Bejamin M. Shykind, Jaesang Kim and Phillip A. Sharp, "Activation of the TFIID-TFIIA Complex with HMG-2," Genes & Development, 1995, pp. 1354-1365.		
	David T. Auble, Karin E. Hansen, Chris G.F. Mueller, William S. Lane, Jeremy Thorner and Steven Hahn, "Mot1, a Global Repressor of RNA Polymerase II Transcription, Inhibits TBP Binding to DNA by an ATP-Dependent Mechanism," Genes & Development, 1994, pp. 1920-1934.		
	Josef Ozer, Paul A. Moore, Arthur H. Bolden, Arianna Lee, Craig A. Rosen and Paul M. Lieberman, "Molecular Cloning of the Small (y) Subunit of Human TFIIA Reveals Functions Critical for Activated Transcription," Genes & Development, 1994, pp. 2324-2335.		
	Xiaoqing Sun, Dongmin Ma, Michael Sheldon, Jam Yeung and Danny Reinberg, "Reconstitution of Human TFIIA Activity from Recombinant Polypeptides: A Role in TFIID-Mediated Transcription," Genes and Development, 1994, pp. 2336-2348.		
	David T. Auble and Steven Hahn, "An ATP-Dependent Inhibitor of TBP Binding to DNA," Genes & Development, 1993, pp. 844-856.		
	Jeff DeJong and Robert G. Roeder, "A Single cDNA, hTFIIA/a, Encodes Both the P35 and p19 Subunits of Human TFIIA," Genes & Development, 1993, pp. 2220-2234.		
RH	Kyoko Yokomori, Arie Admon, James A. Goodrich, Jin-Long Chen and Robert Tjian, "Drosophila TFIIA-L is Processed Into Two Subunits that are Associated with the TBP/TAF Complex," Genes & Development, 1993, pp. 2235-2245.		
EXAMINER			DATE CONSIDERED 11/24/01
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

RECEIVED



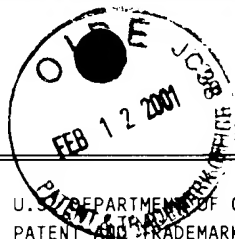
FORM PTO-1449 (REV. 7.80)	TTY. DOCKET NO.: 119941-1083	SERIAL NO.: 09/703,809
	APPLICANT: Jeff L. DeJong	
	FILING DATE: October 30, 2000	GROUP: 1652

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

KV	Dongmin Ma, Hajime Watanabe, Fred Memelstein, Arie Admon, Kiyoshi Oguri, Ziaqing Sun, Tadashi Wada, Takeshi Imai, Toshifumi Shiroya, Danny Reinberg and Hiroshi Handa, "Isolation of a cDNA Encoding the Largest Subunit of TFIIA Reveals Functions Important for Activated Transcription," <i>Genes &amp; Development</i> , 1993, pp. 2246-2257.
	Robert G. Roeder, "The Role of General Initiation Factors in Transcription by RNA Polymerase II," Elsevier Science Ltd. 1996, pp. 327-335.
	Nikolai C Kirov, Paul M. Lieberman and Christine Rushlow, "The Transcriptional Corepressor DSP1 Inhibits Activated Transcription by Disrupting TFIIQ TBP Complex Formation," <i>The EMBO Journal</i> , Volume 15, No. 24, 1996, pp. 7079-7087.
	Jeff DeJong, Richard Bernstein and Robert G. Roeder, "Human General Transcription Factor TFIIA: Characterization of a cDNA Encoding the Small Subunit and Requirement for Basal and Activated Transcription," <i>Proc. Natl. Acad. Sci.</i> , Volume 92, April 1995, pp. 3313-3317.
	Dongmin Ma, Ivan Olave, Alejandro Merino and Danny Reinberg, "Separation of the Transcriptional Coactivator and Antirepression Functions of Transcription Factor IIA," <i>Proc. Natl. Acad. Sci.</i> , June 1996, Volume 93, pp. 6583-6588.
	Josef Ozer, Arthur H. Bolden and Paul M. Lieberman, "Transcription Factor IIA Mutations Show Activator-Specific Defects and Reveal a IIA Function Distinct from Stimulation of TBP-DNA Binding," <i>The Journal of Biological Chemistry</i> , Volume 271, No. 19, May 10, 1996, pp. 11182-11190.
	Josef Oser, Katherine Mitsouras, Dennis Zerby, Michael Carey and Paul M. Lieberman, "Transcription Factor IIA Derepresses TATA-Binding Protein (TBP)-Associated Factor Inhibition of TBP-DNA Binding," <i>The Journal of Biological Chemistry</i> , Volume 273, No. 23, 1998, pp. 14293-14300.
	Hui Ge and Robert G. Roeder, "The High Mobility Group Protein HMG1 Can Reversibly Inhibit Class II Gene Transcription by Interaction with the TATA-Binding Protein," <i>The Journal of Biological Chemistry</i> , Volume 269, No. 25, June 24, 1994, pp. 17136-17140.
	Anthony N. Imbalzano, Kenneth S. Zaret and Robert E. Kingston, "Transcription Factor (TF) IIB and TFIIA Can Independently Increase the Affinity of the TATA-Binding Protein for DNA," <i>The Journal of Biological Chemistry</i> , Volume 269, No. 11, March 18, 1994, pp. 8280-8286.
	R. Wilson, et al., "2.2Mb of Contiguous Nucleotide Sequence from Shromosome III of <i>C. Elegans</i> ," <i>Nature</i> , Volume 368, March 3, 1994, pp. 32-38.
	Thomas Oelgeschlaeger, Cheng-Ming Chiang and Robert G. Roeder, "Topology and Reorganization of a Human TFIIID - Promoter Complex," <i>Nature</i> , Volume 382, August 22, 1996, pp. 735-738.
KV	Alejandro Merino, Knut R. Madden, William S. Lane, James J. Champoux and Danny Reinberg, "DNA Topoisomerase I is Involved in Both Repression and Activation of Transcription," <i>Nature</i> , Volume 365, September 16, 1993, pp. 227-232.
EXAMINER	DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(REV. 7.80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 119941-1083

SERIAL NO.: 09/703,809

APPLICANT: Jeff L. DeJong

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

FILING DATE: October 30, 2000

GROUP: 1652

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

rik Song Tan, Yvonne Hunziker, David F. Sargent and Timothy J. Richmond, "Crystal Structure of a Yeast TFIIA/TBP/DNA Complex," Nature, Volume 381, May 9, 1996, pp. 127-134.

Hui Ge and Robert G. Roeder, "Purification, Cloning, and Characterization of a Human Coactivator, PC4, that Mediates Transcriptional Activation of Class II Genes," Cell, Volume 78, August 12, 1994, pp. 513-523.

Juan A. Inostroza, Fred H. Mermelstein, Ilho Ha, William S. Lane and Danny Reinberg, "Dr1, a TATA-Binding Protein-Associated Phosphoprotein and Inhibitor of Class II Gene Transcription," Cell, Volume 70, August 7, 1992, pp. 477-489.

Michael Meisterernst and Robert G. Roeder, "Family of Proteins that Interact with TFIID and Regulate Promoter Activity," Cell, Volume 67, November 1, 1992, pp. 557-567.

Stephen Buratowski, Steven Hahn, Leonard Guarente and Phillip A. Sharp, "Five Intermediate Complexes in Transcription Initiation by RNA Polymerase II," Cell, Volume 56, February 24, 1989, pp. 549-561.

R II Ashok B. Upadhyaya, Sang Hyun Lee, and Jeff DeJong; THE JOURNAL OF BIOLOGICAL CHEMISTRY, 1999, by the American Society of Biochemistry and Molecular Biology, Inc.; IDENTIFICATION OF A GENERAL TRANSCRIPTION FACTOR TFIIA  $\alpha/\beta$  HOMOLOG SELECTIVELY EXPRESSED IN TESTIS\*; Vol. 274, No. 25, Issue of June 18, pp. 18040-18048, 1999

RECEIVED

FEB 14 2001

TECH CENTER 1600/2900

EXAMINER

DATE CONSIDERED

11/24/00